



The UK's leading near-surface Geological & Geophysical consultants

Project Geophysicist

(Post Reference: PG-3-2018)

Reynolds International Ltd is a dynamic and growing consultancy company and is recognised as the UK's leading near-surface geological and geophysical consultancy. We specialise in near-surface engineering and environmental geophysics, offshore wind farm geophysics, earthquake preparedness, and geohazards (especially glacial hazards). Our staff have been involved with designing, managing, and/or interpreting some of the most prestigious engineering and environmental geophysics projects over the last few years. These include high profile investigations for offshore wind farm and renewable energy developments around the UK and internationally; over-water surveys for Crossrail and Docklands Light Railway, the Thames Tideway Project, and the London Gateway Project (all in London); plus, site surveys for jack-up rig locations, dredging and marine aggregates internationally. We have been involved with geophysical investigations for hydropower dams, underground nuclear repositories and new nuclear stations, searches for natural and man-made cavities and voids, landfills, back-filled quarries, animal burrows, infrastructure schemes (*e.g.* the new Mersey Crossing at Halton, Wirral), airport expansion projects (internationally), *etc.* Our staff have been involved in mineral exploration geophysics for various international projects. We have pioneered and continue to pioneer new methods of data processing and 3D interpretation and presentation of seismic data for over-water engineering projects and remain a strong influence on how surveys are conducted for offshore structures. We are also the principal geoscience consultant to North Wales Tidal Energy Ltd's prospective 2.5 GW tidal range project off the North Wales coast.

Job Description

An exciting opportunity has arisen for a **Project Geophysicist** to join our highly innovative and expanding team. The successful candidate will work predominantly but not exclusively on projects in the land-based environmental and engineering sector. Technically entrepreneurial, commercially-aware geophysicists will appreciate an environment that offers variety, scientific rigour and innovation while keeping the focus characteristic of industrial, engineering projects.

Responsibilities

- Preparation of technical specifications
- Data processing, analysis, interpretation, and reporting
- Supervise geophysical contractors during data acquisition field work and/or data processing.
- Review of technical specifications, method statements, and contractor-generated data and reports.
- Contribution to project management activity.
- Participation in our ISO quality management scheme.
- Presentation of technical results both internally and to clients.
- Maintain continual development of skills.

- Contribute to the development of best practices across the company's activities.
- Contribution to research and development activities both in-house and as a service to clients.

Qualifications, Skills and Experience

Essential -

- Relevant Geophysics degree to at least MSc level.
- Minimum experience of ten projects post-MSc working as a field geophysicist on near-surface, high-resolution environmental and engineering geophysical surveys.
- Experience of working within a UK-based geophysical contracting company.
- Proficiency in the acquisition, data processing and interpretation of **GPR** and seismic data (especially from active and passive **MASW** surveys) for engineering and environmental applications in the UK.
- Proficiency in working within budgets and to strict deadlines.
- Excellent written and verbal communication skills in English.
- Proficiency in working with MS Office software (Word, Excel, PowerPoint) and CorelDraw.
- Right to work in the UK (this will be checked for all applicants shortlisted for interview).
- A current driving licence.
- A current passport.

Desirable (in addition to the above)

- Proficiency with other near-surface geophysical techniques (resistivity, magnetometry, gravimetry, EM, *etc.*) – design, data acquisition, data analysis, modelling and interpretation.
- Familiarity with the role of geophysical surveys for Unexploded Ordnance (UXO) detection.
- Basic proficiency in the use of ESRI ArcGIS and/or Geosoft Oasis Montaj in subsurface investigations.
- Fellow of the Geological Society.

Location and Package

This Position is currently based in Mold, NE Wales, near Chester, although there may be occasions when it is necessary to work at other locations within the UK and even overseas.

The Position comes with an attractive salary package, which is dependent upon the successful candidate's expertise, experience and potential, which will also dictate the seniority grade of the new post-holder. A Relocation Allowance will also be available should the successful applicant need to move to the area.

The Position is available from **21st January 2019** or as soon as possible thereafter. The Post will remain vacant until filled.

The small market town of Mold is bucking the economic trend and has a thriving high street and lively twice-weekly outdoor market. It nestles in the Alyn Valley surrounded by hills and Areas of Outstanding Natural Beauty. Its Theatr Clwyd is one of the best regional theatres outside London, and the larger shopping areas associated with Chester and Wrexham are easily accessible. The international airports of Liverpool and Manchester are both within 45 minutes' drive of the office. London can be reached by train from Chester in just over 2 hours. The area hosts all the sporting

amenities anyone could want and, if mainstream city life is your thing, Manchester and Liverpool are only an hour away.

How to apply

If you are interested in working in a small, lively, and dynamic consultancy that punches above its weight and leads its chosen fields, and feel that you can contribute to its ongoing success and growth, then send:

- (1) a **detailed covering letter** explaining why you feel you should be considered for this job;
- (2) a copy of **your CV**, along with
- (3) **your annual salary expectation**

to Mrs Deborah Lee, Office Manager, via info@reynolds-international.co.uk.

The primary closing date for applications is **Monday 17th December 2018**. Applications received after this date will be considered on their own merits and until the position has been filled.

Reynolds International Ltd is an equal opportunity employer and if any applicant wishes to receive a copy of our recruitment and associated privacy policies and procedures please indicate this when sending your application.

If you apply but have not received a response within four weeks, other than an acknowledgement of your application, then your application has not been successful.

Selected candidates will be called for interview during the **week beginning 7th January 2019** or as soon thereafter as can be practically arranged and will be required to give a 15-minute PowerPoint presentation on a technical subject to be mutually agreed in advance.

Further information about Reynolds International Ltd can be found on our web-site at www.reynolds-international.co.uk.



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